

Author Index

Ali, A., Ghaffar, A. (Islamabad, Pakistan) and Raza, S.H. (Faisalabad, Pakistan)
Eating and rumination in relation to age of lactating buffalo 273

Anderson, D.M., *see* Rouda, R.R. et al.

Appleby, M.C., *see* Smith, S.F. et al.

Baldock, N.M. and Sibly, R.M. (Reading, Gt. Britain)
Effects of handling and transportation on the heart rate and behaviour of sheep 15

Bayliss, P.A. (Manchester, Gt. Britain) and Hinton, M.H. (Bristol, Gt. Britain)
Transportation of broilers with special reference to mortality rates 93

Beattie, A.W., *see* Podberscek, A.L. et al.

Birrell, H.A. (Werribee, Vic., Australia)
The effect of stocking rate on the grazing behaviour of Corriedale sheep 321

Blackshaw, J.K., *see* Podberscek, A.L. et al.

Boag, B., Macfarlane Smith, W.H. and Griffiths, D.W. (Dundee, Gt. Britain)
Observations on the grazing of double low oilseed rape and other crops by roe deer 213

Broom, D.M., *see* Knowles, T.G. and Broom, D.M.
see Trunkfield, H.R. and Broom, D.M.

Duarte, F.A.M., *see* Murphrey, R.M. et al.

Duncan, I.J.H., *see* Petherick, J.C. et al.

Ghaffar, A., *see* Ali, A. et al.

Gonyou, H.W., *see* Muiruri, H.K. et al.

Grandin, T. (Fort Collins, CO, U.S.A.)
Design of loading facilities and holding pens 187

Griffiths, D.W., *see* Boag, B. et al.

Gwynn, P.E.J., Wilkinson, R. and Thomas, T.P. (Aberystwyth, Gt. Britain)
Modifying timber cow cubicle divisions to improve cow acceptability 311

Hansen, C., *see* Hemsworth, P.H. and Hansen, C.

Harrison, P.C., *see* Muiruri, H.K. et al.

Hemsworth, P.H. and Hansen, C. (Werribee, Vic., Australia)
The effects of continuous boar contact on the oestrous detection rate of weaned sows ... 281

Hemsworth, P.H., *see* Tilbrook, A.J. and Hemsworth, P.H.

Hinton, M.H., *see* Bayliss, P.A. and Hinton, M.H.

Hughes, B.O., *see* Smith, S.F. et al.

Jolley, P.D. (Bristol, Gt. Britain)
Rabbit transport and its effects on meat quality 119

Knowles, T.G. and Broom, D.M. (Cambridge, Gt. Britain)
The handling and transport of broilers and spent hens 75

Lapworth, J.W. (Ipswich, Qld., Australia)
Standards for loading and unloading facilities for cattle 203

Lima, L.O.S., *see* Murphrey, R.M. et al.

Macfarlane Smith, W.H., *see* Boag, B. et al.

McCall, C.A. (Storrs, CT, U.S.A.)
Utilizing taped stallion vocalizations as a practical aid in estrus detection in mares 305

Mirza, S.N. and Provenza, F.D. (Logan, UT, U.S.A.)	
Preference of the mother affects selection and avoidance of foods by lambs differing in age	255
Muiruri, H.K., Harrison, P.C. and Gonyou, H.W. (Urbana, IL, U.S.A.)	
The use of water-cooled roosts by hens for thermoregulation	333
Murphy, R.M. (Davis, CA, U.S.A.), Paranhos da Costa, M.J.R., Lima, L.O.S. and Duarte, F.A.M. (São Paulo, Brazil)	
Communal suckling in water buffalo (<i>Bubalus bubalis</i>)	341
Murray, L.W., see Rouda, R.R. et al.	
Nicol, C.J. and Scott, G.B. (Bristol, Gt. Britain)	
Pre-slaughter handling and transport of broiler chickens	57
Paranhos da Costa, M.J.R., see Murphy, R.M. et al.	
Perry, G. (Bristol, Gt. Britain)	
Introduction	1
Perry, G.C., see Stephens, D.B. and Perry, G.C.	
Petherick, J.C., Watson, G.M. and Duncan, I.J.H. (Roslin, Gt. Britain)	
Failure of domestic fow ^t to show contrast in learning: the implications for welfare	265
Podberscek, A.L., Blackshaw, J.K. and Beattie, A.W. (St. Lucia, Qld., Australia)	
The behaviour of group penned and individually caged laboratory rabbits	353
Podberscek, A.L., Blackshaw, J.K. and Beattie, A.W. (St. Lucia, Qld., Australia)	
The effects of repeated handling by familiar and unfamiliar people on rabbits in individual cages and group pens	365
Provenza, F.D., see Mirza, S.N. and Provenza, F.D.	
Raza, S.H., see Ali, A. et al.	
Rouda, R.R., Anderson, D.M., Murray, L.W. and Smith, J.N. (Las Cruces, NM, U.S.A.)	
Distance traveled by free-ranging supplemented and non-supplemented lactating and non-lactating cows	221
Rushen, J. (Westerau, F.R.G.)	
Use of aversion-learning techniques to measure distress in sheep	3
Rushen, J. (Edmonton, Alta., Canada)	
Problems associated with the interpretation of physiological data in the assessment of animal welfare	381
Scott, G.B., see Nicol, C.J. and Scott, G.B.	
Sherwin, C.M. (Armidale, N.S.W., Australia)	
Ear-tag chewing, ear rubbing and ear traumas in a small group of gilts after having electronic ear tags attached	247
Sibly, R.M., see Baldock, N.M. and Sibly, R.M.	
Smith, J.N., see Rouda, R.R. et al.	
Smith, S.F., Appleby, M.C. (Edinburgh, Gt. Britain) and Hughes, B.O. (Roslin, Gt. Britain)	
Problem solving by domestic hens: opening doors to reach nest sites	287
Stephens, D.B. (Hatfield, Gt. Britain) and Perry, G.C. (Bristol, Gt. Britain)	
The effects of restraint, handling, simulated and real transport in the pig (with reference to man and other species)	41
Tarrant, P.V. (Dublin Eire)	
Transportation of cattle by road	153
Thomas, T.P., see Gwynn, P.E.J. et al.	
Tilbrook, A.J. and Hemsworth, P.H. (Werribee, Vic., Australia)	
Detection of oestrus in gilts housed adjacent or opposite boars or exposed to exogenous boar stimuli	233

Trunkfield, H.R. and Broom, D.M. (Cambridge, Gt. Britain)	
The welfare of calves during handling and transport	135
Warriss, P.D. (Bristol, Gt. Britain)	
The handling of cattle pre-slaughter and its effects on carcass and meat quality	171
Warwick, C. (Worcester, Gt. Britain)	
Observations on disease-associated preferred body temperatures in reptiles	375
Watson, G.M., see Petherick, J.C. et al.	
Wilkinson, R., see Gwynn, P.E.J. et al.	